Annual Review of Genetics
Volume 17, 1983

CONTENTS

CURT STERN, 1902–1981, *James V. Neel* 1

THE GENETICS OF STASIS AND PUNCTUATION, *John Maynard Smith* 11

CYTOPLASMIC MALE STERILITY IN MAIZE, *John R. Laughnan and Susan Gabay-Laughnan* 27

RECENT DEVELOPMENTS IN THE PRENATAL DIAGNOSIS OF GENETIC DISEASES AND BIRTH DEFECTS, *Charles J. Epstein, David R. Cox, Steven A. Schonberg, and W. Allen Hogge* 49

ENDOGENOUS MOUSE LEUKEMIA VIRUSES, *Rex Risser, Jonathan M. Horowitz, and James McCubrey* 85

THE MOLECULAR GENETICS OF BACTERIOPHAGE P1, *N. Sternberg and R. Hoess* 123

MAMMALIAN X-CHROMOSOME INACTIVATION, *Stanley M. Gartler and Arthur D. Riggs* 155

SEX-RATIO MANIPULATION IN RELATION TO INSECT PEST CONTROL, *Alan S. Robinson* 191

MUTATIONAL SPECIFICITY IN BACTERIA, *Jeffrey H. Miller* 215

EXPRESSION AND ORGANIZATION OF HISTONE GENES, *Robert Maxson, Ronald Cohn, Larry Kedes, and Timothy Mohun* 239

APPLICATIONS OF MONOCLONAL ANTIBODIES IN ENZYME GENETICS, *Harry Harris* 279

THE P FAMILY OF TRANSPOSABLE ELEMENTS IN DROSOPHILA, *William R. Engels* 315

SEX DETERMINATION AND DOSAGE COMPENSATION IN *DROSOPHILA MELANOGASTER*, *Bruce S. Baker and John M. Belote* 345

GENETIC DEFECTS IN GLYCOPROTEIN METABOLISM, *Thomas G. Warner and John S. O'Brien* 395

ORIENTATION BEHAVIOR OF CHROMOSOME MULTIPLES OF INTERCHANGE (RECIPROCAL TRANSLOCATION) HETEROZYGOTES, *Geoffrey K. Rickards* 443

(*Continued*)

OVERLAPPING GENES, *Staffan Normark, Sven Bergström, Thomas Edlund, Thomas Grundström, Bengtåke Jaurin, Frederik P. Lindberg, and Olof Olsson* 499

INDEXES

Subject Index 527

Cumulative Index of Contributing Authors, Volumes 13–17 533

Cumulative Index of Chapter Titles, Volumes 13–17 535